

Serial No. 10/043,204  
October 28, 2004  
Reply to the Office Action dated July 29, 2004  
Page 6 of 8

### REMARKS/ARGUMENTS

Claims 1, 3-5, 7, and 9-11 are pending in this application. By this Amendment, Applicants AMEND claims 1 and 7.

The Examiner rejected claims 1, 3-5, 7, and 9-11 under 35 U.S.C. §103(a) as being unpatentable over Applicants' Prior Art Fig. 4 in view of Koshino (U.S 4,683,394).

Claim 1 has been amended to recite:

"A surface acoustic wave device comprising:

first and second longitudinally coupled resonator type surface acoustic wave filters, each of said first and second surface acoustic wave filters having a piezoelectric substrate, at least one interdigital electrode transducer disposed on the piezoelectric substrate, and at least one reflector disposed on the piezoelectric substrate;

a package having the first and second surface acoustic wave filters mounted therein and electrode lands electrically connected to each of the first and second surface acoustic wave filters; and

a plurality of bonding wires electrically connecting each of the first and second the surface acoustic wave filters to the electrode lands of the package; wherein

the bonding wires are arranged so as not to pass over both of the at least one interdigital electrode transducer and the at least one reflector of either of the first and second surface acoustic wave filters;

said at least one interdigital electrode transducer and said at least one reflector of each of the first and second surface acoustic wave filters is made of a metal having a heavier mass than that of aluminum or an alloy including the metal; and

**the electrode lands are located outside of an area between the first and the second longitudinally coupled resonator type surface acoustic wave filters.**" (emphasis added)

Applicants' claim 1 recites the feature of "the electrode lands are located outside of an area between the first and the second longitudinally coupled resonator type surface acoustic wave filters."

Applicants' claim 7 recites features which are similar to features recited in Applicants' claim 1, including the above emphasized features.

Serial No. 10/043,204  
October 28, 2004  
Reply to the Office Action dated July 29, 2004  
Page 7 of 8

With the improved features of claims 1 and 7, Applicants have been able to provide a surface acoustic wave device in which frequency adjustment can be performed with a high degree of precision (see, for example, the second full paragraph on page 5 of the originally filed specification).

Applicants amended claims 1 and 7 to recite the feature of "the electrode lands are located outside of an area between the first and the second longitudinally coupled resonator type surface acoustic wave filters."

Applicants' Prior Art Fig. 4 clearly discloses that electrode lands connected to bonding wires 121 and 126 are located Inside of the area between the first and the second longitudinally coupled resonator type surface acoustic wave filters 113 and 114, **NOT outside** of the area between the first and the second longitudinally coupled resonator type surface acoustic wave filters as recited in Applicants' claims 1 and 7.

The Examiner has relied upon Koshino to cure various deficiencies in Applicants' Prior Art Fig. 4. However, Koshino clearly fails to teach or suggest the use of first and second longitudinally coupled resonator type surface acoustic wave filters. Thus, Koshino certainly fails to teach or suggest locating the electrode lands outside of an area between the first and the second longitudinally coupled resonator type surface acoustic wave filters as recited in Applicants' claims 1 and 7.

Thus, Applicants respectfully submit that Applicants' Prior Art Fig. 4 and Koshino, either alone or in combination, fail to teach or suggest the feature of "the electrode lands are located outside of an area between the first and the second longitudinally coupled resonator type surface acoustic wave filters" as recited in Applicants' claims 1 and 7.

Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejection of claims 1 and 7 under 35 U.S.C. §103(a) as being unpatentable over Applicants' Prior Art Fig. 4 in view of Koshino.

In anticipation of the Examiner of modifying the above rejection, Applicants respectfully submit that one of ordinary skill in the art would not have modified the electrode lands in Applicants' Prior Art Fig. 4 to be outside the area of the first and the

Serial No. 10/043,204  
October 28, 2004  
Reply to the Office Action dated July 29, 2004  
Page 8 of 8

second longitudinally coupled resonator type surface acoustic wave filters as recited in Applicants' claims 1 and 7 because the lengthening of the electrode lands increases the resistance through the electrode lands. As the Examiner is well aware, increasing the resistance of one portion of a surface acoustic wave device is detrimental to the electrical characteristics of the overall device.

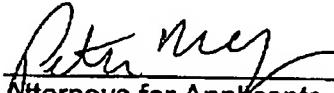
Accordingly, Applicants respectfully submit that none of the prior art of record, applied alone or in combination, fail to teach or suggest the unique combination and arrangement of elements recited in claims 1 and 7 of the present application. Claims 3-5 and 9-11 depend upon claims 1 and 7 and are therefore allowable for at least the reasons that claims 1 and 7 are allowable.

In view of the foregoing amendments and remarks, Applicants respectfully submit that this application is in condition for allowance. Favorable consideration and prompt allowance are solicited.

The Commissioner is authorized to charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1353.

Respectfully submitted,

Date: October 28, 2004

  
\_\_\_\_\_  
Attorneys for Applicants

Joseph R. Keating  
Registration No. 37,368

Peter Medley  
Registration No. 56,125

**KEATING & BENNETT LLP**  
10400 Eaton Place, Suite 312  
Fairfax, VA 22030  
Telephone: (703) 385-5200  
Facsimile: (703) 385-5080